ARNewsline(TM) #1259 - Sept. 28, 2001

(* - Indicates print version only - not in audio newscast)

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A NOTE TO READERS:

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The Newsline Production Team

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Amateur Radio Newsline report number 1259 with a release date of Friday, September 28, 2001 to follow in 5-4-3-2-1.

The following is a Q-S-T.

Restructuring comes to the United Kingdom and brings with it 5 word per minute Morse Code. This story and much more is next on Amateur Radio Newsline report number 1259 coming your way right now.

(Billboard Cart Here)

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RESTRUCTURING: NEW HAM RADIO IN THE UK

A totally new licensing structure for ham radio has come to the United Kingdom. This, as the Radio Society of Great Britain and the U-K Radiocommunications Agency make a joint announcement on Friday, September 21st outlining a series of changes to amateur radio licensing. Changes that both say are designed to make amateur radio more attractive as a technical hobby.

The changes include lowering the Morse code speed requirement for full licensees, combining some license categories, allowing trainees to operate while supervised before passing an examination, and the introduction of a new Foundation Class license. Jeramy Boot, G4NJH, has more:

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In brief, the following are the changes being introduced:

The Morse requirement for the Class A license is being reduced to five words per minute with immediate effect and the Class A/B license is being incorporated into the Class A license. Class A/B license holders will be offered the choice of either retaining their existing M5 callsign or changing

to an M0 callsign.

Additionally, to encourage the practical aspect of amateur radio training, unlicensed trainees on a registered training course may be supervised by full license-holders to operate a station and contact other UK licensed amateurs. There will be no time limit on the duration of any message.

With effect from the 1st of October 2001, the Novice Amateur Radio License will be re-named the 'Intermediate Amateur Radio License'. Intermediate (A) licensees will be allowed access to all amateur radio bands.

Intermediate (B) will be allowed access to all amateur bands at 50 MHz and above. All Intermediate licensees will be allowed 50 watts output in all bands except where a lower power limit already applies to Amateur (A) licensees, in which case the lower level shall apply.

The final change to the amateur radio licensing structure prior to the World Radio Conference in 2003 will be the introduction of a new 'Foundation' license at the beginning of 2002. This license will provide access to most of the amateur bands, and restrict licensees to a maximum power of 10 watts RF output. Transmitting equipment will need to be commercially-manufactured items, or properly-designed commercial kits.

Jeramy Boot, G4NJH

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Obviously that’s a lot to digest from such a brief overview of the now restructured United Kingdom Amateur Radio service. Don’t worry. Jeramy says that further details are on the RSGB Internet site at www.rsgb.org

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RESTRUCTURING - IRELAND HOLDING FIRM ON 12WPM MORSE REQUIREMENT.

As the U-K moves to its new licensing system, word that Irelands licensing authority is holding the line regarding the continuation of that nations 12 word per minute Morse code exam. A spokesperson for the Irish licensing regulator has informed the national society that the 5 wpm test can only be introduced as part of a new license. Until further notice all candidates for Ireland’s Class A licenses will have to pass the 12 wpm Morse test for the immediate future at least.

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SILENT KEY: FCC’S STEVE LINN N4CAK KILLED IN ROAD ACCIDENT

Sad news from the FCC. Word that 25 year veteran Steve Linn, N4CAK, and his wife Lesley Nearman were killed on Friday September 21st in an automobile accident. This, as Linn and his family were on their way to an Amateur Radio conference in Virginia Beach. Their two children Andrew age 12 and Denna age 9 survived the accident with minor injuries. They were treated at a nearby hospital and released.

Steve Linn was based in the FCC's facility in Gettysburg, Pennsylvania where he served as the Deputy Chief of the Licensing and Technical Analysis Branch of

the Wireless Bureau's Public Safety and Private Wireless Division. He was a frequent FCC representative at hamfests and conventions as well as a regular at the annual meeting of the National Council of Volunteer Examiner Coordinators. The NCVEC's Scotty Neustadter, W4WW, knew Linn. He says he was very much impressed by Linn's desire to have the FCC programs he was responsible for be of service to the amateur community, and not a regulatory or administrative burden.

And during the 2000 Dayton Hamvention FCC Forum it was Linn who spoke at length about Universal Licensing System and its effect on the Amateur Radio service. And he did it in a way that the audience could understand and easily relate to:

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"We have about eleven different services that we handle within the Wireless Telecommunications Bureau. The branch that I am with in Gettysburg handles about eight of those eleven, and we are combining all of those services into a master -- combined -- universal -- wonderful -- perfect -- database."

"There are a number of benefits to this system. You can get on-line and do application and licensing search that you could not do before. You can do on-line filing. You can check on other people. I think that there are some services that if you get off the FCC site and go to other sites that they tap into the FCC site to do record searches."

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An FCC spokesman described Steve Linn was a wonderful person and a dedicated FCC employee. He said that Linn will be sorely missed by this Bureau and the entire Commission, adding: "We are all deeply saddened by this tragedy."

The ARRL says that services for the Linn and Nearman were held Monday September 24th in Lower Paxton Township, Pennsylvania. In lieu of flowers, memorial contributions should be sent to Temple Ohev Sholem, 2345 North Front Street, Harrisburg, Pennsylvania 17110 where the family were members of the congregation. (FCC, W4WW, ARRL. 2000 Hamvention FCC Forum audio provided by RAIN)

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ENFORCEMENT: QUICK CALL SIGN RETURN BRINGS FCC THANK-YOU

The FCC has thanked a La Puente California couple for returning forty club call signs back to the availability list. This after Jerry Darby, N6UME and his wife Dorthy N6ZNC gave up on trying to organize a regional earthquake preparedness network.

On August 2, 2001, the FCC wrote the Darby's concerning the 40 club call signs that the two held. The agency requested supporting documentation for each call. The Darby's responded very quickly. They told the FCC that they had intended to establish an earthquake network across Southern California but had not been able to do so. Because of this they no longer had a need for the club call signs and that they were being returned.

As a result of the Darby's quick response the calls have been forwarded the to the Wireless telecommunications Bureau. The FCC says that they will

canceled and then made available for reassignment. (FCC)

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BREAK 1

This is the United States of America calling. We are the Amateur Radio Newsline, heard on bulletin stations around the world, including the Twin City Amateur Radio Club Net serving Champaign and Urbana Illinois.

(5 sec pause here)

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ATTACK ON AMERICA: BILL RUTH W3HRD KILLED IN PENTAGON ATTACK

Another ham has become a victim of the September 11th terrorist attack on the United States. Amateur Radio Newsline's Henry Feinberg, K2SSQ, has the latest sad story on this horrific national tragedy:

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Bill Ruth, W3HRD, was a veteran of two wars and had of nearly 30 years as a social studies teacher. He has now been declared dead in the September 11th attack on the Pentagon.

According to the Washington Post, Ruth was a retired Army Chief Warrant Officer who lived in Mount Airy Maryland. On the evening of Sept. 10th, he had presided over his first meeting as commander of his local Veterans of Foreign Wars post. The following day he was at work in the Pentagon when a jetliner piloted by a suicide terrorist slammed into the building.

In addition to ham radio, Bill Ruth was described as an avid Redskins fan and a motorcyclist who enjoyed riding in Maryland's rolling hills. A Vietnam and Gulf War veteran, Ruth held a master's degree and taught for nearly three decades, most recently at John T. Baker Middle School in the town of Damascus Maryland.

For the Amateur Radio Newsline, I'm Henry Feinberg, K2SSQ.

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Ruth's death brings to toll to five radio amateurs either confirmed dead or still missing in the attack on America by what the United States government believes to be extremists loyal to Middle East terrorist Osama bin Laden. (Daily DX, Wasahington Post)

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ATTACK ON AMERICA: HAM SURVIVES AT WTC

A cause to rejoice amidst the chaos in the case of another amateur who worked in the World Trade Center. Rob Nall, WV0S, reports that his friend, Herman Belderok, Jr., KB0EEB, managed to get out of the building just minutes before the structure collapsed. Thankfully, Herman survived unscathed. As reported

last week, four hams were at the World Trade Center in New York when the buildings collapsed and have not been seen since. (WV0S)

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ATTACK ON AMERICA: HOW TO FIND TERRORISTS AND SPIES ON THE AIR - PART 2

Ham radio operators across the nation and around the world continue to look for ways to help in the United States war against terrorism. Some are still providing communications in the New York City area. Others have headed the call by FCC Special Counsel Riley Hollingsworth to watch the radio spectrum and report suspicious transmissions.

Last week, monitoring specialist Joe Schroeder, W9JUV, gave us a bit of insight into what to listen for on the high frequency bands. Joe is back with a look at the spectrum above 50 MHz and the way that terrorists cells might try to use it:

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FRS probably not an option because there are just to many people on it. There's not so much the chance of being overheard and having the whistle blown. More likely, some kid is going to inadvertently break in and break up the communications. Especially in a mall or some downtown area.

CB at 27 Mhz is also a no. I would also say that the ham bands are not a good alternative because there is to much of an opportunity for radio amateurs to come across such communications and recognize that it is not normal ham radio talk. What hoes on in the Amateur VHF and UHF bands is so normal sounding that many hams readily recognize all of the voices. If there was something abnormal going on it would stick out much more than on an HF band like 20 or 40 meters.

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One thing Riley Hollingsworth suggested was to tape any suspicious communications. If you do, we would suggest using fresh tape and also using a direct connection to your recorder from your station receiver. This will eliminate the chance of room noise obscuring what you are trying to record.

And, if you do happen across something that needs to be reported, probably the best place to forward it is directly to the Federal Bureau of Investigation. The FBI has set up a toll free number for leads or other information on the terrorist attack. It's at area code 866-483-5137. Again, that's area code 1-866-483-5137. Leads can also be sent via a special website at www.ifccfbi.gov. Please do not contact the FCC.

Also, if you want to hear more on monitoring the world above 50 Mhz for clandestine communications, you are invited to tune in this weeks Rain Report. There you will hear a lot more with Joe Schroeder, W9JUV. You will find it on the web at www.rainreport.com or by phone at 847-827-7246. (ARNewsline(tm))

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ENFORCEMENT: FCC TELLS HAM HE CANNOT MANUFACTURE AND SELL NON FCC APPROVED AMPLIFIERS

If you have ever wondered what is legal and what is not concerning add on power amplifier in the Amateur Radio service, the FCC has now answered that question. Its also told a South Carolina ham to stop selling non certified amplifiers or face some severe consequences. Amateur Radio Newsline's David Black, KB4KCH, has the details:

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The FCC cracks down on RF Electronics owner Sidney Lee Martin of Surfside Beach, South Carolina. The agency tells Martin to lay off selling power amplifiers for use on frequencies below 2 meters. Martin gets a certified letter September 19th from Commission Special Counsel Riley Hollingsworth. In that letter, Martin is told that the amplifiers and kits he's making are not FCC certified and are therefore illegal. He's ordered to immediately stop selling them.

Hams may have seen Martin's classified ads in QST magazine between December 1999 and April 2000.

On February 11th, 2000, the Commission sent Martin a warning about his amplifier kits which were advertised as suitable for 6 meters and the high frequency bands. The agency asked Martin to submit certification numbers for the amplifiers.

Two weeks later, Martin responds, saying he's in compliance with the law. Citing the Commission's Part 97 rules, Martin says it's his opinion that those rules allow every licensed amateur radio operator the right to purchase, build or modify one unit of one model of a non-certified amplifier from another licensed ham each year for personal use. By that statement, Hollingsworth tells Martin, quote--you appear to be claiming that you are an amateur selling only to licensed Amateurs," end quote.

But the Commission rejects Martin's argument. Hollingsworth cites FCC rules which clearly state that all external radio frequency power amplifiers capable of operating on frequencies below 2 meters must be Commission certified. And, the Commission tells Martin, kits are not exempt from this requirement. Hollingsworth goes on to say that hams who use a non-certified amplifier would themselves be in violation of the law. And, he says, using an amplifier built from a non-certified kit on amateur frequencies is illegal.

Hollingsworth cites a statement by Martin in which he says licensed hams are well within their rights under FCC rules to modify and sell amplifiers capable of covering through 10 Meters which makes them non-certified. That statement, Hollingsworth says, is not correct. In fact, Commission rules address modification separately from fabrication and construction. Modification or construction of no more than one unit of one model during a calendar year by a ham without certification of the device is permitted. Hollingsworth says the term fabricated does not include modification of existing amplifiers, but rather, to construct from diverse and usually standardized parts. Modified amplifiers capable of operating between 24 and 35 Mhz, Hollingsworth says, may not be sold.

The Commission also notes advertisements for non-certified power amps on Martin's website, which were said to operate on frequencies below 2 meters. One of those ads mentions a 500 watt kit package, along with a kilowatt kit and a 6 meter amplifier kit.

Hollingsworth tells Martin the Commission has no record of an FCC grant of certification for any of those amplifiers. He says Martin and or his company are not exempt from rules requiring that power amplifier equipment be certified.

Hollingsworth observes that the amplifiers Martin made and sold were marketed as a business and not part of the Amateur Radio service. The Commission says it finds Martin's response not applicable to the products he's making and selling, and says its earlier warning to him remains in effect.

Finally, Hollingsworth tells Martin what will happen if the Commission's order about selling any more non-certified amplifiers or kits is violated. The agency says it will initiate criminal prosecution. And Hollingsworth has one more warning for Martin...any further violations will put Martin's amateur radio license in jeopardy, with the possibility raised of license revocation, suspension and a possible fine.

From Birmingham Alabama, I’m David Black, KB4KCH, for Newsline.

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The bottom line. If you are currently in the business of supplying non FCC certified amplifiers – even for ham radio use – maybe you had better think again. (FCC)

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BREAK 2

From the United States of America, we are the Amateur Radio Newsline, with links to the world from our only official website - www.arnewsline.org.

(5 sec pause here)

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ENFORCEMENT: FCC TO HAM - STOP THE INTERFERENCE OR BE FINED

The FCC has taken off the gloves in its ongoing battle with another Los Angeles area ham who operates an uncoordinated repeater system. But the ham who owns the repeater appears to not be taking no from the coordinator. Amateur Radio Newsline’s Don Wilbanks, KC5MFA, covers both sides of the story:

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On August 28th the FCC's Hollingsworth wrote to Angos Winke, KC6OKA telling him at on numerous occasions Winke had been informed that the regions 2 meter repeater coordinating counsel had granted coordination to the Inland Empire Amateur Radio Club which operates a repeater under the call sign W6IER. That the Inland Empire Amateur Radio Club is coordinated for the 145.46 slash 144.86 Mhz frequency pair, the same pair on which Winke has been operating a repeater using various call signs.

Hollingsworth says that he has now referred this matter to the Los Angeles Field Office with instructions to cite Winke and any other operators of the

repeater for interference that is being caused to W6IER. He tells Winke that fines in such cases are normally in the range of $7,500. Also, that depending on the evidence obtained by the Field, revocation and suspension issues may also be warranted against Winke's Amateur Radio license.

But Winke appears to be not taking the word “no” from the coordinator as being final. In a letter to the groups Technical Committee Chairman and copied to Newsline, Winke says that -- and we quote -- “As a group of self appointed private citizens purporting to regulate the privatization of frequencies in the public Amateur Radio spectrum, it behooves the TASMA Technical Committee to be candidly responsive to public inquiry into its dealings, and as such be beholden to be responsive to any review of such dealings.

As clearly stated in Title 47, Part 97, Section 101(b), "No frequency will be assigned for the exclusive use of any station." If indeed you still wish to maintain ground on the theory of right to assign frequencies for the exclusive use of any station, you will candidly and truthfully answer all questions materially relating to all aspects of such grant of exclusive use of frequencies.”

From New Orleans Louisiana, I’m Don Wilbanks, KC5MFA.

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As we go to air, it is unknown if the Committee has responded to KC6OKA, or if it even will. (FCC, KC6OKA)

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FM AND REPEATER: MAJOR FAILURE IN AZ

The Superstition Amateur Radio Club in Mesa Arizona reports that its WB7TJD two meter repeater is off the air. This, until repairs and some redesign can be done to prevent another catastrophic failure.

According to Larry Kuck, WB7CUK, the failure occurred late Saturday night, September 21 leaving case nearly hot enough to fry an egg. Kuck says that the controller for the 147.12 machine lost power locked the repeater locked on in transmit mode with no audio, no I.D. no cooling fans and no way to control it.

Plans to relocate the repeater to South Mountain in Phoenix and eventually connect our repeater to the Internet for linking have temporarily been placed on hold until the system is brought back on the air. (WB7CUK)

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*LISTENING IN: SCANNERS BECOMING POPULAR AT RACES

The National Motorsport Racing Association says that some fans aren't content to just watch the action on the race track, they want to hear what's going on inside the cars. And they're willing to pay to hear it.

According to an NMRA press release, one man spent 189 dollars on a 30-channel racing scanner and headphones to listen in during the recent Pepsi 400 race at Michigan International Speedway. He explained that he wanted to hear what the drivers said while they jockeyed for position on the track. And at least one

scanner expert says sales of these devices have boomed over the past five years on the professional motor racing circuit. (NMRA)

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*NEW PRODUCT: VERTEX STANDARD - THE COLORFUL VX-5RS

Meantime, in the new equipment category, Vertex Standard has announced the immediate availability of a Metallic Silver version of is popular VX-5R Triple-Band Hand-Held FM Transceiver. Called the VX-5RS the H-T retains all the powerful features that have made the VX-5R a worldwide sales success but also builds on the success of Vertex Standard's multi-color HT marketing approach in the Marine market. The price of the VX-5RS is the same as that for the VX-5R and is available right now. (Yaesu)

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*NEW PRODUCTS: NEW FLASHING RED LED BEACON

Are you in need a beacon light for your tower or repeater site? Are you tired of the high monthly electric bills for keeping that light burning? Well a company called Dialight Corporation offers the first LED-based flashing red beacon for marking radio and television towers.

According to the manufacturer, the new model L864 uses 90 percent less power than standard incandescent beacons that consume a minimum of 1,240 watts. And their high-flux Light Emitting Diode array will last years longer than incandescent lamps.

The L864 is designed as a replacement unit for 300 millimeter incandescent flashing red beacons, is FAA compliant, mounts to standard bolt patterns and requires no additional wiring, controllers or monitors. A steady-state red LED obstruction light for side mounting is also available. According to the C-G-C Communicator, more information is on the web at http://www.dialight.com/aviation_pr_redbeacon.htm   (CGC Communicator)

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EMERGING TECHNOLOGY: MOLECULAR COMPUTER INTERFACE

Hewlett-Packard researchers say that they have come up with a way to hook up molecular sized computers to the real world. This, using a type of atomic pixie dust, though the solution exists so far only in a concept -- but one which has won a new U.S. patent.

Phil Kuekes, a computer architect at H-P Labs, that silicon based semiconductors, the brains of current computers, will hit a theoretical wall of improvement in about a decade, while the tiny molecular computers theoretically could be crammed together in invisible spaces and work together on massive problems.

Kuekes and Stan Williams, a colleague at Palo Alto, California-based Hewlett-Packard Labs, received a patent for the work, which builds on a collaboration between the computer maker and scientists at the University of California, Los Angeles. (Published news reports)

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RADIOSPORTING: IARU ARDF TO BE HELD IN AUSTRALIA

The Wireless Institute of Australia will host the 5th IARU Region 3 Amateur Radio Direction Finding championships in 2002. Coordinator Jack Bramham VK3WWW says that with the naming of the W-I-A details including the exact location and timing of the championships can now be planned. An estimated 120 competitors from Japan, Korea, China, Mongolia, Kazakhstan, New Zealand, the United States and Europe are expected to travel down-under for the event. Australia hosted the 2nd IARU Region 3 championships which were held in Townsville, Queensland, in 1996. (Q-News)

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RADIOSPORTING: 2002 USA ARDF GAMES LOOKING FOR A HOME

And still with news from the world of Amateur Radio Direction Finding, it was only a few weeks ago that Amateur Radio Newsline told you about the results of the first United States A-R-D-F competition. Those were the games held this past summer in Albuquerque. Now it's time to plan for the next one. Here's the United States A-R-D-F Coordinator: Our own Joe Moell K0OV.

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This is the second, and probably the final call for clubs, club councils and non-club groups interested in hosting the Second USA foxhunting Championships in 2002. This call comes now because the event must take place in the spring or early summer, in order to serve as a qualifying event as Team USA forms for the 2002 World Championships in Slovakia.

This sport, which is also called foxtailing, radio-orienteering and ARDF, has grown dramatically in popularity over the last five years. The first USA Championships, staged by the Albuquerque Amateur Radio Club in early August of this year, drew over 40 competitors vying for medals. Ten states and three foreign countries were represented.

One proposal has already been received for a "weekend championships" in April 2002. If you and the hams in your area wish to make your own proposal, the time to act is now. I must receive preliminary indication of your intent in the next two weeks. Send e-mail to champs@homingin.com, or send postal mail to my callbook address.

For more information about competitive transmitter hunting, on foot or in cars, and for the story of this year's championships, see my Web site: www.homingin.com

From southern California, this is Joe Moell K0OV for the Amateur Radio Newsline

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Again for more information on this wonderful ham radio sport, please visit Joe’s website at www.homingin.com. (K0OV, ARNewsline(tm))

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INTERNATIONAL - THAILAND: NEW RECIPROCAL AGREEMENTS

The Thailand - Sweden Reciprocal Agreement has been approved by Parliament and is now awaiting implementation. Separate Austrian, British and Spanish agreements are in still in the final processes of negotiation. (RSGB)

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DX

In D-X, Oscar Morales, CO2OJ has announced that effective immediately Al Bailey, K8SIX, is his QSL manager. This, for all contacts on all bands and modes made after January 1st of 2001.
CO2OJ also says that he will only reply to those cards with a self addressed stamped envelope or -- as an alternative a self addressed envelope along with IRC or GS coupons to cover postage. He also says that QSL's cards sent via the Bureau will not be answered. Morales adds that this appointment and explanation should end any confusion as to where QSL cards for him should be sent. (CO2OJ via VHF Reflector)

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THE FINAL ITEM: BANDPLANS ARE IMPORTANT TO THE FCC - PART 1

And finally this week, while voluntary bandplans in ham radio are not covered by the FCC rules it is no secret that the Commission favors all hams adhering to them. Most hams do, but there are some who really do not understand the importance and a small but vocal group who simply refuse. In a recent question and answer session on Hap Holly’s Rain Report, the FCC’s Riley Hollingsworth took the time to explain the Commission’s position on these plans and the reason behind it:

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“Bandplans help regulate the Amateur spectrum and they minimize the necessity for the Commission to become involved in Amateur Radio problems and disputes. And, they also allow Amateurs to use and experiment with such modes as narrow-band, PSK-31, QRP and so forth that might otherwise be trampled and crowded out.”

“So the policy is where an operator is not following a bandplan, and there is harmful interference as a result of it, the Commission will consider it deliberate or malicious interference unless substantial justification can be shown by the operator who is not abiding by the bandplan.”
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Hollingsworth says that coming off of three years of enforcement in the Amateur Service that there are really only two types of bandplan problems:

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“One is the operator interfering honestly did not know about the bandplans. Number two -- the operator knew about the bandplans and does not like the bandplans because they are totally focused on rights and could care less about responsibility. They don’t care about the damage they do to Amateur Radio and don’t have a clue as to how much pressure is on our frequencies from

entities that would like to see them taken away. “

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What can the FCC do to assist the Amateur Radio community in getting adherence to these voluntary plans? We will have that in next weeks Amateur Radio Newsline report. (RAIN, FCC)

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NEWSCAST CLOSE

With thanks to Alan Labs, Amateur News Weekly, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB and Australia's Q-News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

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